# IBM DATASTAGE ETL Data Integration

**Lesson 1. OVERVIEW DWH AND IBM DATASTAGE ( 30 minutes )**

Introduction on DWH and IBM Datastaage

**Lesson 2. DS ON PROMISE AND DS CLOUD ( 30 minutes ) :** Installation DS 11.7 and account configuration for IBM SUITE CLoud Pak for Datato use Datastage Cloud

**Lesson 3. DS ADMINISTRATOR(30 minutes):** Introduction to module DS ADMINISTRATOR

**Lesson 4. DS DESIGNER(30 minutes):** Introduction to module DS DESIGNER

**Lesson 5. DS DIRECTOR AND MANAGER (30 minutes):** Introduction to module DS DIRECTOR and DS MANAGER

**Lesson 6. JOBS DEVELOPMENT (4 hours):** Exercise 1: DataStage Job in Parallel Edition, migration of fields and creation of calculated field from MySQL DB to PostgreSQL DB

Exercise 2: Reading data from Excel names/emails, cleaning data and inserting Oracle LEAD DB table

Exercise 3: Car components catalog, piece, pipeline currency for conversion to the dollar

Exercise 4: Create a pipeline that starting from the customer IBAN, checks if there is also a DEPOSIT ACCOUNT on the same customer profile with ammount >= 5000 euros for at least three months, if the check result is negative, skip the profile, if the check result is positive, insert the profile into an Excel for the WIN A HOLIDAY IN THE MALDIVES email marketing campaign

Exercise 5: Create a pipeline that starting from the CUSTOMER COD customer, checks the SIM STATUS (must be ACTIVE), checks if the customer has been such for at least 12 months, if the check result is negative skips the customer, if positive, inserts the customer into a DB for the call marketing campaign SWITCH TO FIBER OPTICS 24/7

Exercise 6: Create a pipeline that starting from the list of borrowers, checks the date of execution of the CT scan on their request, if less than the next CT scan available from the list of public bodies skips, otherwise sends an SMS to the borrower with the references of the private bodies

COMPONENTI.csv
componenti_usd.csv
Converti_Valute_Dollaro.dsx
INOUT4.csv
OUTPUT4.csv
SELEZIONE_CAMPAGNA.dsx
INPUT5.csv
INSERT.sql
CALL_MARKETING_JOB.dsx
LISTA_PRESCRIZIONI.csv
LISTA_SERVIZIO_PUBBLICO.csv
LISTA_CLINICHE_PRIVATE.csv
SMS_CAMPAGNA_SANITARIA.dsx
SMS_TEMPLATE.txt

# Ebook:

IBM DATASTAGE.pdf ( 65 pages )